



OMB No. 0651-0011

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 56754US002	Serial No.: 10/017,632
	Applicant(s): Jonathan Hester, Brian E. Spiewak, David R. Holm, Jerald W. Hall, Jr., Seth M. Kirk, Moses M. David, and Brinda Lakshmi	
	Filing Date: December 14, 2001	Group: 177

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
HV	3,432,585	03/11/1969	E.R. Watson et al.			
	3,586,220	06/22/1971	Reinsberg			
	3,971,373	07/27/1976	Braun			
	4,181,604	01/01/1980	Onishi et al.			
	4,184,922	01/22/1980	Knazek et al.			
	4,537,860	08/27/1985	Tolbert et al.			
	4,539,256	09/03/1985	Shipman			
	4,576,718	03/18/1986	Reischl et al.			
	4,726,989	02/23/1988	Mrozinski			
	4,746,435	05/24/1988	Onishi et al.			
	4,814,278	03/21/1989	Hamamoto et al.			
	4,867,881	09/19/1989	Kinzer			
	4,894,060	01/16/1990	Nestegard			
	5,077,870	01/07/1992	Melbye et al.			
	5,116,506	05/26/1992	Williamson et al.			
	5,120,594	06/09/1992	Mrozinski			
	5,134,174	07/28/1992	Xu et al.			
	5,176,953	01/05/1993	Jacoby et al.			
	5,236,963	08/17/1993	Jacoby et al.			
	5,238,623	08/24/1993	Mrozinski			
	5,260,360	11/09/1993	Mrozinski et al.			
	5,317,035	05/31/1994	Jacoby et al.			
	5,352,513	10/04/1994	Mrozinski et al.			
HV	5,605,835	02/25/1997	Hu et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date of Publication	Country	Class	SubClass	Translation
							Yes
							No

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

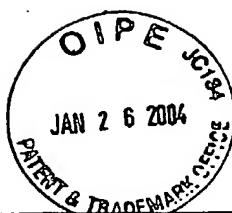
EXAMINER	Date Considered
HV V	03/19/04

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Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate	
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		5,738,111	04/14/1998	Weimer et al.				
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		5,792,411	08/11/1998	Morris et al.				
		5,888,594	03/30/1999	David et al.				
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		6,096,213	08/01/2000	Radovanovic et al.				
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							Yes No	
HV		EP 0 492 942 B1	12/17/1991	EPO				
		WO 00/43579	07/27/2000	PCT				
		WO 00/68301	11/16/2000	PCT				
		WO 00/71789	11/30/2000	PCT				
		WO 01/21693	03/29/2001	PCT				
		WO 97/44508	11/27/1997	PCT				
HV		WO 98/20185	05/14/1998	PCT				
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)								
EXAMINER <i>HV V</i>				Date Considered <i>03/19/04</i>				
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FOREIGN PATENT DOCUMENTS

		Document Number	Date of Publication	Country	Class	SubClass	Translation	
							Yes	No
HV		WO 99/65542	12/23/1999	PCT				
HV		WO 99/65595	12/23/1999	PCT				
HV		WO 99/65664	12/23/1999	PCT				

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HV		Keth Brindle, Tom Stephenson, Michael J. Semmens, "Pilot-Plant Treatment of a High-Strength Brewery Wastewater Using a Membrane-Aeration Bioreactor," Water Environment Research, Volume 71, Number 6, pp. 1197-1204 (Sept./Oct., 1999).
		John T. Cookson, Jr., Bioremediation Engineering: Design and Application, McGraw-Hill, Inc., 1995, Chapter 8, pp. 305-358, and Chapter 9, pp. 359-432.
		"Water Treatment Membrane Processes," American Water Works Association Research Foundation, Lyonnaise des Eaux, Water Research Commission of South Africa, McGraw-Hill, Inc., Chapter 8 by P. Aptel and M.J. Semmens entitled "Multiphase Membrane Processes," pp. 8.1-8.19.
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		M. Pankhania et al., "Hollow Fibre Bioractor For Wastewater Treatment Using Bubbleless Membrane Aeration, Wat. Res., Vol. 28, No. 10, pp. 2233-2236, 1994.
		Pierre Cote et al, "Bubble-Free Aeration Using Membranes: Process Analysis," Journal WPCF, Vol. 60, Number 11, pp. 1986-1992, Nov. 1988.
		Pierre Cote, "Bubble-Free Aeration Using Membranes: Mass Transfer Analysis," Journal of Membrane Science, 47 (1989) 91-106.
		Keith Brindle et al., "The Application of Membrane Biological Reactors for the Treatment of Wastewaters," Biotechnology and Bioengineering, Vol. 49, pp. 601-610 (1996).
		E. Casey et al., "Review of Membrane Aerated Biofilm Reactors," Resources, Conservation and Recycling 27 (1999) 203-215.
		Tariq Ahmed et al., "The Use of Independently Sealed Microporous Hollow Fiber Membranes for Oxygenation of Water: Model Development," Journal of Membrane Science, 69 (1992) 11-20.
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EXAMINER

Hai V.

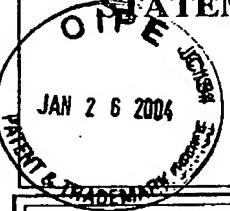
Date Considered

03/19/04

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U.S. APPLICATIONS**DO NOT PUBLISH**

Examiner Initial	
HV	Serial No. 09/519,449, Diamond-Like Glass Thin Films.
HV	Serial No. 09/758,764, Self-Mating Reclosable Mechanical Fastener and Binding Strap.
HV	Serial No. 09/385,265, Capillary Collapse Resistant Microporous Material and Method.
HV	Serial No. 10/023,267, Plasma Treatment of Porous Materials.

EXAMINER*Hai V.***Date Considered***03/14/04*

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